

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-12 (Canceled).

Claim 13 (Currently Amended): A polymer composition comprising

1) a polymer (P1) comprising at least 50% by weight of monomeric units derived from an ethylenically unsaturated monomer (M1), and

2) at least one co-oligomer (O1) comprising at least:

a) a component (A) comprising at least one monomeric unit identical to that derived from the monomer (M1) on which the polymer (P1) is based, and

b) a component (B) comprising at least one monomeric unit (m2), derived from an ethylenically unsaturated monomer, carrying at least one group chosen from the following groups:

— $-C_aH_{2a+1}$ with a between 6 and 30,
— $-(CH_2)_b-C_cF_{2c+1}$ with b between 1 and 11 and c greater than or equal to 5,
— $-(CH_2)_d-(Si(CH_3)_2-O)_e-Si(CH_3)_3$ with d between 1 and 11 and e between 1 and 1000,

— $-COOH$,

— $-SO_3H$, and

— the phosphonate groups $-PO(OH)(OR_1)$ with R_1 being a hydrogen atom or an alkyl radical containing from 1 to 11 carbon atoms,

wherein the number-average molar mass of polymer (P1) is greater than 30,000 and the number-average molar mass of co-oligomer (O1) is less than or equal to 30,000.

Claim 14 (Previously Presented): The composition according to Claim 13, wherein the polymer (P1) is a halogenated polymer.

Claim 15 (Previously Presented): The composition according to Claim 13, wherein the polymer (P1) is a chlorinated polymer.

Claim 16 (Currently Amended): The composition according to Claim 13, wherein in the polymer (P1) ethylenically unsaturated monomer (M1) is a vinylidene chloride polymer.

Claim 17 (Previously Presented): The composition according to Claim 13, wherein component (A) of the co-oligomer (O1) comprises at least one monomeric unit identical to that of vinylidene chloride.

Claim 18 (Previously Presented): The polymer composition according to Claim 13, wherein component (B) of the co-oligomer (O1) comprises at least one monomeric unit (m2), derived from an ethylenically unsaturated monomer, carrying at least one group chosen from the following groups:

- $-(CH_2)_b-C_cF_{2c+1}$ with b between 1 and 11 and c greater than or equal to 5, and
- the phosphonate groups $-PO(OH)(OR_1)$ with R_1 being a hydrogen atom or an alkyl radical containing from 1 to 11 carbon atoms.

Claim 19 (Previously Presented): The composition according to Claim 18, wherein component (B) of the co-oligomer (O1) comprises at least one monomeric unit (m2), derived from an ethylenically unsaturated monomer, carrying at least one group chosen from the groups $-(CH_2)_b-C_cF_{2c+1}$ with b between 1 and 11 and c greater than or equal to 5.

Claim 20 (Previously Presented): The composition according to Claim 18, wherein component (B) of the co-oligomer (O1) comprises at least one monomeric unit (m2), derived from an ethylenically unsaturated monomer, carrying at least one group chosen from the phosphonate groups -PO(OH)(OR₁) with R₁ being a hydrogen atom or an alkyl radical containing from 1 to 11 carbon atoms.

Claim 21 (Previously Presented): A process for preparing a composition according to Claim 13, comprising the mixing of the polymer (P1) and of the co-oligomer(s) (O1) in at least one solvent, the dispersion of the co-oligomer(s) (O1) in an aqueous dispersion of the polymer (P1), or the mixing of the polymer (P1) and of the co-oligomer(s) (O1) by premixing.

Claim 22 (Currently Amended): A process for coating metal, polymer, paper or cellophane surfaces ~~by means of~~ with the polymer composition according to Claim 13, according to which the polymer composition is coated onto said surfaces, colaminated with said surfaces or coextruded with the material forming said surfaces.

Claim 23 (Previously Presented): An article or part of an article ~~prepared by means of~~ comprising the polymer composition according to Claim 13.

Claim 24 (Previously Presented): A method for coating an article comprising applying the composition according to Claim 13 to the surface of the article.

Claim 25 (Previously Presented): The method according to Claim 24, wherein the article is a metal, a polymer, a paper or a cellophane.

Claim 26 (Previously Presented): A method for producing a single-layer or multi-layer film comprising forming the film with the composition according to Claim 13.

Claim 27 (Previously Presented): A method for producing a moulded object comprising forming the object, wherein with the object comprises the composition according to Claim 13.

Claim 28 (New): The composition according to Claim 13, wherein the number-average molar mass of polymer (P1) is less than or equal to 2,000,000 and the number-average molar mass of co-oligomer (O1) is less than or equal to 25,000.

Claim 29 (New): The composition according to Claim 13, wherein the number-average molar mass of polymer (P1) is less than or equal to 500,000 and the number-average molar mass of co-oligomer (O1) is less than or equal to 20,000.

Claim 30 (New): The composition according to Claim 13, wherein (m2) carries at least the following group:

— $-C_aH_{2a+1}$ with a between 6 and 30.

Claim 31 (New): The composition according to Claim 29, wherein (m2) carries at least the following group:

— $-(CH_2)_b-C_cF_{2c+1}$ with b between 1 and 11 and c greater than or equal to 5.

Claim 32 (New): The composition according to Claim 13, wherein (m2) carries at least the following group:

— $-(CH_2)_d-(Si(CH_3)_2-O)_e-Si(CH_3)_3$ with d between 1 and 11 and e between 1 and 1000.

Claim 33 (New): The composition according to Claim 13, wherein (m2) carries at least the following group:

— -COOH.

Claim 34 (New): The composition according to Claim 13, wherein (m2) carries at least the following group:

— -SO₃H.

Claim 35 (New): The composition according to Claim 29, wherein (m2) carries at least the following group:

— the phosphonate groups -PO(OH)(OR₁) with R₁ being a hydrogen atom or an alkyl radical containing from 1 to 11 carbon atoms.